

CULTURING DAPHNIA, OUTLINE

By Chase Klinesteker SWAM, Mar.-Apr. 1990



20 gallon tank used to raise daphnia

---Start with old or aged water, keeping the temperature 60-72 degrees

---Feed a small amount of yeast solution* daily or as needed to lightly cloud the water. Do not feed if there is still cloudiness. A small amount may be a tablespoon or 2 of yeast solution for 10 or 20 gallons of water.

*yeast solution---one packet of dry yeast per pint of water or 2 teaspoons of yeast per quart. Keep it refrigerated and shake it well before dispensing. Active dry yeast can be purchased in 2 pound bags for around \$4. at a food supply store. It will last long if kept frozen.

---Use light aeration to keep the water gently circulating.

---They do not need light.

---Siphon off the mulm on the bottom of the tank every month or 2. Use snails to help clean up. Red Ramshorn snails work well

---Put 2-3 seashells in the tank to add calcium to the water.

---Change 30-40% of the water every other week.

---Have 2 cultures going to insure continuance

Good luck with your daphnia culture, and if you have any questions, feel free to talk to me about them at the meeting.